

**WØMTL — Hannibal Amateur Radio Club News — WØKEM****December 2013****2013 HARC OFFICERS**

**PRESIDENT: DON VARY, KDØHHN -- V-PRES: LUAN SANDBERG, KC9PGS**  
**SECRETARY: FRED MILLER, KBØWIL -- TREASURER: LARRY LAUER, WB2UFO**  
**TRUSTEE: CLIFF AHRENS, KØCA**  
**EDITOR: BONNIE SINCLAIR, WBØWAP**

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**NEXT SCHEDULED MEETING:**

**Wednesday – December 11, at 7:30 PM**  
**RAFFLE will be held .... See Below**

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**MONDAY NIGHT WEEKLY NET CALL LIST - DECEMBER 2013**

**1 KØDFW HOWARD**  
**9 WB2UFO LARRY**  
**16 KB9VIS BRIAN**  
**23 KDØHHN DON**  
**30 WØPGL TONY**

**FCC VE TEST DATES FOR YEAR OF 2014**

**January 8th, April 9th, July 9th, October 8th**

Exams will take place at 8:30 PM after the regular scheduled HARC meeting. The exam session will be at the Beth Haven Pleasant View, 641 Euclid Avenue Hannibal, Mo 63401. Registration is required at

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least 72 hours before the exam session by contacting the team liaison, Fred Miller- KBØWIL at [kb0wil@arrl.net](mailto:kb0wil@arrl.net) or 573-221-2429.

The 2014 test fee will be unchanged at \$15.00. It goes to ARRL/VEC. Bring a photo ID (or two non-photo ID's); if currently licensed, bring the original and a photocopy of your valid FCC license; and if you are claiming credit for successful completion of an exam, bring the original and photocopy of any applicable CSCE's.

### **HARC CLUB DUES:**

HARC annual dues are due each January. The dues are very important and are needed to keep repeaters up and running, plus other expenses of the club. The yearly dues fee is \$20.00 per member, & \$5.00 for each additional family member. You can pay at club meetings, or send the money to HARC, P.O. Box 1522 Hannibal Mo, 63401. Thanks!!

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**FROM THE SECRETARY'S DESK**  
**BY FRED MILLER KBØWIL**



### **Previous meeting minutes:**

**Date:** November 13th, 2013

**Location:** Marion County Health Department Route "W" Hannibal Mo 63401

**Previous meeting minutes:** October 9th, 2013

Motion to approve: Ed-K9WAY Seconded by: Oral-KØUBR

**Treasurers Report:** Larry-WB2UFO

Cash: \$1,315.70 CD: \$1,316.70 Total balance: \$2,632.40

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Motion to approve: Ed-K9WAY Seconded by: Oral-KØUBR

**Repeater Report:** Fred-KBØWIL

The 146.625 and 146.880 repeaters are working as intended.

**ARRL Membership:** If you're a member of the ARRL, and renew your membership through the club, we receive a small portion of your renewal fee. If interested, contact Fred-KBØWIL. **Thank you** to the members who have renewed through the club already. If you're not an ARRL member, please consider joining, we need the ARRL to make sure we don't lose any of the amateur radio spectrum.

**Field Day 2013 Update:** We place 3rd in the state of Missouri (2A-Mo) and 5th in the Midwest division. As per Cliff-KØCA.

**Field Day 2014 Update:** We are having Field Day 2014, at the Marion County Health Department, Route "W". We discussed having some sort of carry in of members, call in an order, or a small cook out, at the 2014 Field Day.

**Update:** We decided to cook hamburgers and hotdogs, and have chips, etc. Just a small lunch. We also discussed having a small fee of \$2.00-\$5.00 per attending member to help cover our cost of the food. We also discussed, setting up our antennas, and equipment at the Health Department.

**2014 HARC Elections:** We discussed the upcoming 2014 HARC Officer Elections tonight, and here are the results:

Current Officers: President-Don KDØHHN  
 Vice-Pres- Luan –KA9WAY  
 Treas-Larry –WB2UFO  
 Sec-Fred-KBØWIL  
 Trustee-Cliff-KØCA

Luan-KC9PGS will not be running for Vice-President in 2014, so we are looking for someone who would like to be the HARC Vice-President.

Also, anyone who would like to run for an office position let us know at the next meeting, December 11th, 2013.

**HARC Christmas Party:** Our annual Christmas Party will be on December 11th, 2013, starting at **6:30 P.M.**, with the meeting to follow afterwards.

**Note!! The early start time.** Please bring a snack tray of some kind, to share with everyone present.

**HARC-Get Together Supper 2014:** We will be having our HARC Supper on **Saturday February 8th, 2014**. We also discussed, having the supper at either Game On, or Golden Corral here in Hannibal. The start time will be at **6:00 P.M.** Fred-KBØWIL will check with both restaurants to see menu, and reservation options.

**Update:** We all decided that we will be having our dinner at the Golden Corral restaurant.

Motion to approve: Dave-KBØRZN Seconded by: Luan –K9WAY

**ARRL Insurance:** We discussed purchasing insurance through the ARRL, to protect our equipment for lightning, or fire damage, etc. Fred-KBØWIL will investigate the cost associated with the various insurance plans, and update us at the next meeting.

Motion to approve: Ed-K9WAY Seconded by – Cliff-KØCA

**Update:** After discussing the associated cost of the insurance, we decided to purchase this insurance plan for our club equipment.

Fred-KBØWIL will obtain the correct forms, and send this into the insurance agency.

Motion to approve: Ed-K9WAY Seconded by: Howie-KØDFW

**HARC 2014 Dues:** The HARC Dues are now due, please pay your dues promptly, thanks.

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**HARC Snacks:** The club wants to thank, Luan-KC9PGS and Ed-K9WAY for bringing the great snack to the meeting.

**Fred-KBØWIL HARC-Secretary**



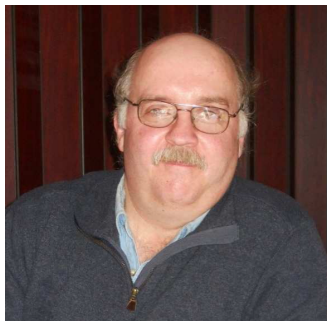
We are a land of plenty, so be sure to share with someone this season, and remember to thank God for all his love, goodness, and mercy.

**Remember to celebrate Jesus Christ's Birthday, as that is the reason for the season.**



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**FROM THE PRESIDENT'S DESK**  
**BY DON VARY KDØHHN**



First, I would like to ask that everyone keep the people of Washington, Illinois, among all of the people who went through the recent bout of tornados and severe weather in your thoughts and prayers. Every time that

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something like this happens, it serves as a reminder that Mother Nature has the final say about things. Man may build his buildings, roads, etc. wherever he thinks they may be needed, but when Mother Nature lets loose, she is usually the winner.

In amongst all of this destruction and chaos, we also find ourselves approaching the holiday season. From the earliest days, Thanksgiving has been a time for not only giving thanks for what we have, but also a time for family to come together. Unfortunately, too many people are looking at this day as simply another holiday from work, or unfortunately as an attempt to beat out the competition to offer sales on merchandise whose quality has, in my opinion, gone down over the years. More and more it seems the traditional family values are being replaced by who is offering a better deal on I-pads or whatever they can sell.

I truly think that if the federal government wants to butt their nose into something, they should pass a law that all places of business must close by 12:00 PM on Thanksgiving and Christmas and can reopen for business at 9AM the day after that holiday. That way people can pick up their last minute needs for dinners, etc. and the employees can spend time with their families and/or friends, and the businesses can take a couple of days off from worshipping at the almighty fiat dollar. Maybe if this were to happen, then this country could start getting back on the road to where we should be. Oh well, enough of the rant.

The meeting we had at the Health Department went well with the initial discussions for Field Day 2014. Before I go much further, I would like to congratulate those who helped out at this year's Field Day. According to Cliff, we placed 3<sup>rd</sup> in the 2A category for Missouri and 5<sup>th</sup> for the Central Region. Way to go everyone!!! Now back to the meeting. The Health Department has a Yaesu 897D for a base radio and will have the HF antennas up before Field Day, and there is still plenty of room to set up additional stations. The room also has a kitchenette, and there are bathrooms available. Outside there is plenty of space to set up the antennas that we use as well. We also talked about ideas for doing the club cook-out at Field day again, as we did in the past. More will follow on this at upcoming meetings.

Also a reminder that the December meeting will be our Christmas dinner, with everyone bringing a dish to pass. We will be meeting at Pleasant View apartments at 6:30 for the dinner, with the meeting to follow. Also this meeting will be the election of officers. The current slate of officers are planning to run for re-election, with the exception of Luan, KA9WAY (ex KC9PGS). She has decided not to run for re-election for Vice-President, so we need someone for that office. Also, we will be voting on the HARC member of the year. So everyone come to the meeting with a dish to pass, a name for Vice-President, or member of the year, or all of the above.

In closing, I would like to wish every member of the club and their families a safe and joyful Thanksgiving and Christmas. See everyone on the air and 73 Don

Donald Vary KD0HHN  
Emergency Coordinator - Marion County  
ARES® Missouri Section  
Amateur Radio Emergency Service®  
ARRL Field Instructor & Examiner  
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email: kd0hnn@hotmail.com

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**FROM THE VICE PRESIDENT'S DESK**  
**LUAN SANDBERG KA9WAY (KC9PGS)**

**2013 ARRL Midwest Convention  
In Lebanon, MO**

By Luan Sandberg KA9WAY – (FORMER CALL -KC9PGS)



I am very excited to tell you about my first ARRL convention. Unfortunately, due to school we were not able to make it to the Friday evening sessions. So, bright and early Saturday morning Ed (K9WAY) and I ventured to the convention. Our first order of business was to buy raffle tickets. You can't win if you don't play. Next, we went to the main theater for the end of opening ceremonies. Now, the hard decision was what to do next. We went to browse the vendor area to see if there was anything we had to take home with us. We also went to say good morning to Cliff (K0CA). From there we went to the ARES presentation. I learned how important it is that I carry the miniature copy of my license in my wallet. (I hate it when Ed is right!) Do you carry a copy of your license with you? The presenter spoke about the emergency

communications from the Joplin tornado and the delayed communications that could have been avoided if volunteers had a copy of their license with them. Another delay was the number of HAMs that could not program their radios. He had to program more than 200 radios before communications could be established! He shared what worked well and what we learned from that tragedy. It also reminded me that I need to become more involved once again in the Adams County Emergency Management communications team.

We stayed in the auditorium to listen to the ARRL Forum which was followed by a presentation by Bob Heil on sound. WOW! I really learned a lot about sound quality. It turns out; I don't have to listen to the squeaky voice in the box. I can have very clear audio by adding an equalizer and an external speaker. COOL! I also had the honor of meeting Bob Heil!

Next, we listened to Gordon West's session "Just Do It Right and Have Fun." He was very entertaining. He had some wonderful ideas of how to help kids understand the science behind amateur radio. But we had to leave to get ready for our next adventure. Drats! So, I'll have to look for more information to read from Gordon West.

One of my goals was to learn how to teach kids more about amateur radio. My other goal was to operate W1AW/0. As usual, once I got there, I got frigid feet. Not just cold feet but frigid feet. Those of you that know me know I get very nervous about operating a radio. I look forward to it, but am deathly afraid of doing something wrong. So, after I drug Ed to the convention I began to change my mind. Thanks to the encouragement and support from Ed (K9WAY) and Fred (KB0WIL) I actually did it! I made two contacts on W1AW/0. Yeah!!! After making two contacts, I quickly abandoned the radio and turned it over to Ed. I am

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glad I did it but the anxiety was overwhelming. We each got an awesome certificate to add to our new ham shack.

Finally, we went to the Youth Forum facilitated by Carole Perry (WB2MGP). As an educator, I was in awe that Carole was allowed to create the curriculum for "Introduction to Amateur Radio," an eighth grade science course. The curriculum has been used in more than 200 schools throughout the country. I could only dream of such an opportunity. We also heard from a college student, a high school student, and Astronaut Steven Nagel on how to propagate our hobby! It was very interesting. The last 30 minutes were left for kids to ask the astronaut questions. The kids in the audience had some great questions, including the infamous..."How do you go to the bathroom in space?"

It was finally time to leave. I completed my first amateur radio convention and I am more excited than ever to get back on the radio. 73s

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### **DECEMBER BIRTHDAY WISHES!**

## Happy Birthday!

Remember to celebrate Jesus Christ's Birthday, as that is the reason for the season.

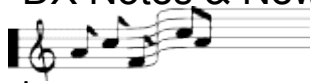


"Now may the Lord of Peace himself give you peace at all times and in every way. The Lord be with all of you." (2 Thessalonians 3:16)

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**DX News and Notes, DECEMBER 2013**

by Mike Nowack NA9Q

**DX Notes & News****DX NOTES...**

Ole' Sol has quieted down a bit since last month when we had flare after flare for several weeks. The sudden bursts of material out of the sun did cause some fairly significant radio blackout conditions for short periods but as usual, these were followed by periods of excellent conditions with 10M coming alive like days of old. Let's hope that the predicted double peak for cycle 24 is still in the cards for us and that there will be more exciting days ahead. I would hate to think that we are now sliding down the back side of the solar maximum for this cycle. Some of us may not be around to experience the next solar cycle peak and so I am anxious to see this one extended as far as Mother Nature will allow.

The celestial fireworks may have quieted down but the DXpedition activity sure took off in a bang-up manner. XR0ZR, T33A, K8W, 3D2R, XZ1J, and VU2AG (as well as several other less rare stations) were all active in virtually the same time frame to create quite a stir. If there wasn't a new one in that group for you to work then there likely was a new band to work them on to peak your interest. I managed to work several of them on 80M which is my focus band this winter. As I write this XZ1J and VU2AG are still on the air and providing workable signals even into the Midwest black hole on 20M and 15M. If you did manage to work one or more of these short duration operations, they nearly all have set up OQRS pages on the internet and that is sure is a slick QSL route. Less mess, cost and fuss with cards returning is record time.

This certainly was a great way to move into the heart of the winter DX season and there is certainly more to come. Here is a quick taste of upcoming operations:



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**DXNEWS...**

EASTERN KIRIBATI, T32. Tim, NL8F will be QRV as T32TM from Kiritimati November 26 to December 11. After this activity, he will be active with the T32RRC team. QSL T32TM via K8NA.

BENIN, TY. Wim, ON6DX is QRV as TY1TT until December 3. Activity is on 40 to 6 meters using CW, SSB and RTTY. QSL to home call.

MICRONESIA, V6. Sho, JA7HMZ and Masa, JA7ZF are QRV as V63DX and V63ZF, respectively, from Kolonia, Pohnpei Island, IOTA OC-010, until November 30. Activity is on 40 meters and higher using all modes, including SSTV and JT65. They plan to be an entry in the CQ World Wide DX CW contest as well. QSL direct to home calls.

INDIA, VU. Special event station AU2JCB is QRV until December 10 to commemorate the birth of Indian scientist Acharya Jagadish Chandra Bose. Activity is on 80, 40, 20, 15, 10 and 6 meters using SSB with FM on 10 and 6 meters. QSL direct via VU2DSI.

LAKSHADWEEP ISLAND, VU7. A large group of operators are QRV as VU7AG from Laccadive, IOTA AS-011, until December 10. Activity is on 160 to 10 meters using CW, SSB and RTTY. QSL via W4VKU.

MAURITIUS ISLAND, 3B8. 3B8JB and 3B8/SM6GOR, will be active until December 16th. Activity will be on 20-10 meters. Look for SSB, PSK31, PSK63, and CW. They will use a R7 GP and test some loop antennas as well. QSL via the operators instructions.

AFRICAN TOUR . Operators Mathias/DJ2HD and Ulmar/DK1CE will once again be active as V5/DJ2HD and V5/DK1CE from Namibia between December 14<sup>th</sup> and January 18<sup>th</sup> (2014). This is just one part of their 4x4 trip through different African countries. Activity will be holiday style on CW, SSB and RTTY, but will also include a SSB entry in the DARC 10m Contest. During this time frame, Mathias and Ulmar will also travel to and be active as 7P8DJ and 7P8CE, respectively, from Lesotho between December 22-24<sup>th</sup>. Their plans also include activity from South Africa (as ZS/DJ2HD and ZS/DK1CE) and one more country to be announced later, but no scheduled days have been provided. QSL all call- signs via their home callsigns, direct or by the Bureau.

REUNION, FR. By the time yo read this, Jean-Pierre, F5AHO, will be active as FR/F5AHO from Reunion Island (AF-016) until December 4<sup>th</sup>. Activity will be on 20/17/15/10 meters using SSB and the Digital modes. QSL via F5AHO, by the Bureau or direct.

SAMOA, 5W. 5W8A will be activity on 160-10 meters using CW, SSB and RTTY. Suggested frequencies are available online at: <http://www.n8a.eu/frequencies> QSL all callsigns via ZL3CW. For more details and updates, watch the N8A Web page at: <http://www.n8a.eu> Also, watch their FaceBook page at:

<https://www.facebook.com/N8a2013AmericanDXpedition>

SEYCHELLES, S7. Igor, UA3DJY, will be active as S79ACR from Mahe Island for one month beginning mid-December. Activity will be holiday style on the HF bands. QSL via his home callsign.

WEST KIRIBATI, T30. Operators JF1CCH and JA1FUF will be active as T30TS and T30KN from West Kiribati between November 28<sup>th</sup> and December 4<sup>th</sup>. Activity will be on the HF bands (all mostly 40-10m) and possibly 6m, using CW, SSB, RTTY and PSK. Ted will operate mainly on CW and SSB, while Kazu will operate

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mainly RTTY and PSK. They will use 100 watts into a dipole. QSL via their home callsign, direct, by the Bureau and eQSL. NO LoTW.

NAMIBIA, V5. Dietmar, DL3DXX, will be active as V5/DL3DXX between December 24th and January 8th. Activity will be on 160-10 meters using CW and SSB. QSL via DL3DXX.

NAMIBIA, V5. Ulmar, DK1CE, will be active as V5/DK1CE between December 31<sup>st</sup> and January 6th. Activity will be holiday style on 160-10 meters using CW. QSL via DH3WO.

LAKSHADWEEP ISLANDS, VU7. A team of operators are now active as VU7AG from Agatti Island (AS-011) until December 10th. Activity will be on 160-10 meters using CW, SSB and RTTY. Another callsign has been issued for demonstration purposes on Kavaratti Island - VU7KA. This would be used only briefly when team members make presentations to the local administration in Kavaratti and educate them on amateur radio. QSL Manager is Krish, W4VKU, direct or by the Bureau. An Online QSL Request System (OQRS) will be available for all your QSL requests. OQRS will be enabled soon after the expedition. LoTW QSOs would be uploaded in approximately 6 months time. The following Web page has been set up and contains bios of operators, QSL details, frequencies and a survey. Visit the VU7AG page at: <http://www.vu7ag.info>

As usual, credit goes to the ARRL DX Bulletin, the Ohio Penn DX Bulletin and the 425 DX News.  
Mike NA9Q



**FROM THE TREASURER'S DESK  
BY LARRY LAUER WB2UFO**



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This summer was a great ham radio season for me. A 55 foot tower and new finals for my Heathkit SB220 can do that.

Early in the summer I was offered a deal on a tower I could not pass up. I had always wanted a tower, but thought I had neither the time nor money to act on that dream. The combination of a Mosley TA33 at 60 feet above the ground, and my wife (Ann KB9BAL) presenting me with a new set of 3-500ZG finals for my Heathkit SB220 for my birthday was perfect.

Ann had heard me complaining that my old amp had no output on 10 meters and only 150 watts on 15 meters. Interestingly, the output went up as the frequency went down. On the (pre) Missouri Traffic net social hour on 80 meters I was still able to have a full kilowatt output. It was there that I learned that that characteristic is exactly how the finals begin to die. This set of tubes, being about 40 years old, owed me nothing, and deserved a decent retirement.

With a new antenna and 1,500 watts on 20 meters, I had dreams of all the DX I could log. I set up my logging program, (AClog by N3JFP that I had been using for the last few years) to see DX spotting on half the screen. This was almost going to be too easy.

The first time on the air with my new system I worked 7 new DX QSOs in 20 minutes.

Then I heard a weak signal turning up. I waited and it grew stronger. He then called CQ. I answered and he responded to my call. I almost said 59 thank you and 73. He then asked me my name and qth. We talked for 45 minutes, and I remembered how much I enjoy a good ragchew.

I love my new antenna and the renewed power. I may even make DXCC someday, but you will still most often find me in the middle of a long-winded ragchew.

As I pen this (when was the last time I penned anything) I hear on the radio that today, November 22nd, is the 50th anniversary of the assassination of President Kennedy. I am at Java Jive, a coffee house in Hannibal, and the 12 people behind me at a large table are still debating all the conspiracy possibilities. Next week is Thanksgiving and Hanukkah, quickly followed by Christmas and New Year's Eve. How much of our world has changed in the last 50 years, some good and some bad.

I am Jewish, so wish me a Happy Hanukkah. I wish, for you and yours, a Merry Christmas. Let us all pray together for a better next 50 years.

Larry Lauer  
WB2UFO

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Dear Troops, We want to wish you a Merry Christmas and Happy New Year! We really appreciate your service. We know you are over there making it possible for us to be home over here celebrating the holidays in safety. Your self-sacrifice to do this reminds us of Christ who was willing to leave His heavenly home to come to earth, suffer and die, and rise again for us. May He bless you in a special way and give you a great New Year!



Color: Black  
 Model: New BAOFENG UV-5R  
 Battery: 1800mAh, 7.4v, Li-ion  
 Frequency Range: 65-108MHz (FM Receive only) 136-174MHz and 400-520MHz (TX/RX)  
 Channel Number: 128  
 Channel Spacing: 2.5/6.25/10/12.5/20/25KHz  
 Frequency Stability: +/-2.5ppm  
 Antenna: High Gain Dual Band Antenna, Antenna Impedance: 50 Operating Voltage: DC 7.4V  
 Mode of operation: Simple or semi-duplex  
 Dimension (W x H x D): 100 x 52 x 32 mm  
 Weight: 250g (including battery, antenna)  
 Transmitter Output power: 4W / 1W (Max 5W)  
 Modulation Mode: 16k F3E / 11k F3E  
 Maximum deviation: <5kHz(Wide) / <2.5kHz(Narrow)  
 Current: <=1.6A(5W)  
 CTCSS/DCS deviation: 0.5+/-0.1kHz(Wide) / 0.3+/-0.1kHz(Narrow)  
 Intermediation sensitivity: 8-12mv  
 Intermediation distortion: <10%



# RAFFLE!

**\$5.00 per ticket**  
**At the meeting**  
**December 11, 2013**  
(If we sell at least 10 tickets)

## BaoFeng UV-5R Dual Band UHF/VHF Handheld Transceiver



**W0KEM & W0MTL**  
**P.O. Box 1522**  
**Hannibal, Mo 63401-1522**  
**U.S.A**



Email: [w0kem@arrl.net](mailto:w0kem@arrl.net)  
Website: <http://www.w0kem.com>

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